## Use modified primers in

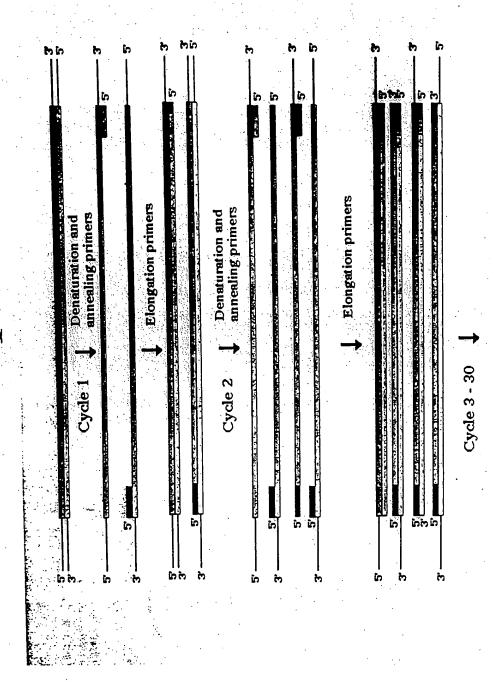


Fig.

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# After PCR the end of primer can be removed



Treatment to remove end of primer segment



## The proteuding ends can be made at one or both ends of the PCIR fragment



Treatment to remove end of primer segment



Fig. 3

A biotin can be attached to the end of a DNA fragment then ligations can be done sequentially with the DNA attached to the bead

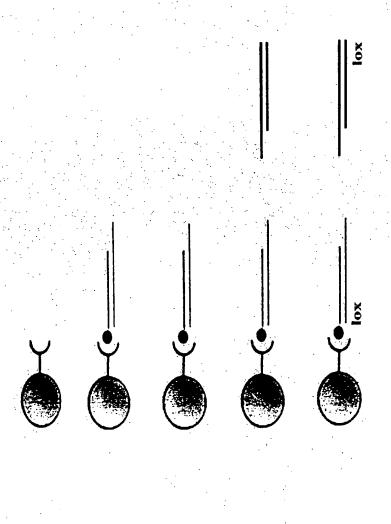


Fig. 4

### Using an enzyme system to remove the

- By introducing a lox site in the DNA near the ends the
- DNA can be acted upon by the cre recombination enzyme By having replication and selection functions on the DNA between the lox sites the circularized DNA will form a functional plasmid capable of transforming cells

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